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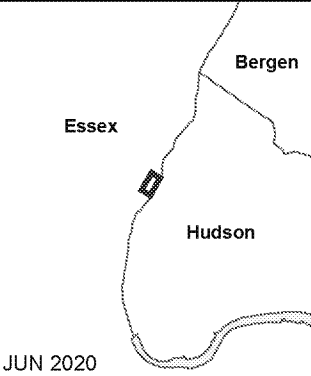
- Structure

  - Existing
  - Demolished/Partially Demolished
  - UST
  - Former Soil Mound
- Study

  - Parcel (Newark, Oct 2017)
  - Footprint of Remedial Action
- △ Historical Sample
  - RI Soil Boring
  - Detection Below PRG
  - Non-Detect
  - Detection Exceeds PRG
  - PRG Exceedance (nondetect reported at quantitation limit)

Sources:  
2020 "ArcGIS Map Service, Bing Aerial Photography"  
2020 "PPG/Woodard & Curran Riverside Industrial Park RI Report"  
2017 "City of Newark Parcel GIS",  
<http://data.ci.newark.nj.us>

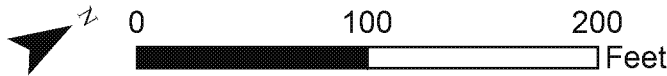
Notes:  
1. Field Duplicate and Parent Sample Concentrations were averaged.  
2. Following the soil mound removal on lot 68, surface samples at locations B-59 and B-60 were not included in this evaluation.



**Figure A-13**  
**Site-Wide Soil Sampling Results for**  
**Soil Gas Alternatives: Naphthalene**  
**Riverside Industrial Park Superfund Site**  
**Essex County, New Jersey**



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Area	SqFt	Acres
TCE-1	28907.11	0.66
TCE-2	4532.19	0.10
TCE-3	51815.44	1.19
TCE-4	5036.70	0.12
TCE-5	1742.84	0.04
TCE-6	23382.09	0.54

- Structure

Existing

Demolished/Partially Demolished

UST

Former Soil Mound
- Study Area

Parcel (Newark, Oct 2017)

Footprint of Remedial Action
- RI Soil Boring

Historical Sample

Non-Detect

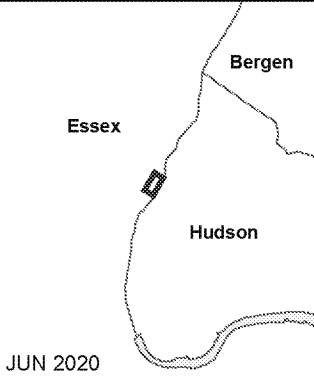
Detection Below PRG

Detection Exceeds PRG

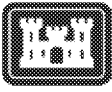
\* PRG Exceedance (nondetect reported at detection limit)

Sources:  
2020 "ArcGIS Map Service, Bing Aerial Photography"  
2020 "PPG/Woodard & Curran Riverside Industrial Park RI Report"  
2017 "City of Newark Parcel GIS", <http://data.ci.newark.nj.us>

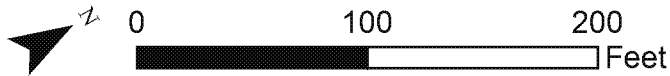
Notes:  
1. Field Duplicate and Parent Sample Concentrations were averaged.  
2. Following the soil mound removal on lot 68, surface samples at locations B-59 and B-60 were not included in this evaluation.



**Figure A-14**  
**Site-Wide Soil Sampling Results fo**  
**Soil Gas Alternative: TCE-PRG**  
**Riverside Industrial Park Superfund Site**  
**Essex County, New Jersey**



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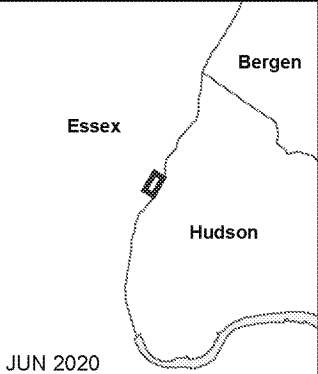
- Structure

  - Existing
  - Demolished/Partially Demolished
  - UST
  - Former Soil Mound
- Study Area



  - Parcel (Newark, Oct 2017)
  - Footprint of Remedial Action
- RI Soil Boring
  - Historical Sample
  - Non-Detect
  - Detection Below PRG
  - Detection Exceeds PRG

Sources:  
2020 "ArcGIS Map Service, Bing Aerial Photography"  
2020 "PPG/Woodard & Curran Riverside Industrial Park RI Report"  
2017 "City of Newark Parcel GIS", <http://data.ci.newark.nj.us>

Notes:  
1. Field Duplicate and Parent Sample Concentrations were averaged.  
2. Following the soil mound removal on lot 68, surface samples at locations B-59 and B-60 were not included in this evaluation.  
3. Total Xylenes calculation is consistent with the BHHRA.

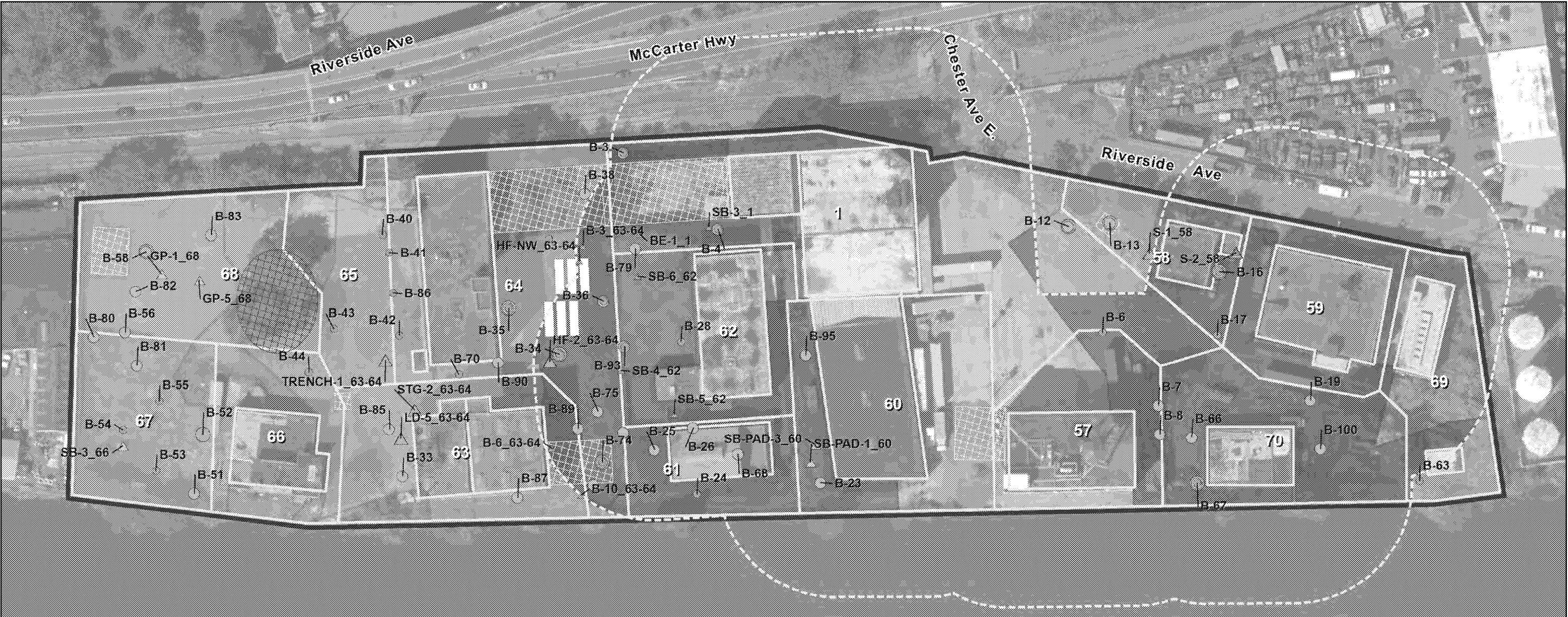


**Figure A-15**  
**Site-Wide Soil Gas Sampling Results for**  
**Soil Gas Alternatives: Xylenes (Total)**  
**Riverside Industrial Park Superfund Site**  
**Essex County, New Jersey**



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0 100 200 Feet



Parameter	SqFt	Acres
Naphthalene	94,420.80	2.17
TCE	115,416.37	2.65
Xylene	44,415.27	1.02
<b>Total Area Extent</b>	<b>164,179.88</b>	<b>3.77</b>
<b>Portion of Total Area within 100 feet of an Existing Occupied Building</b>	<b>84,868.45</b>	<b>1.95</b>



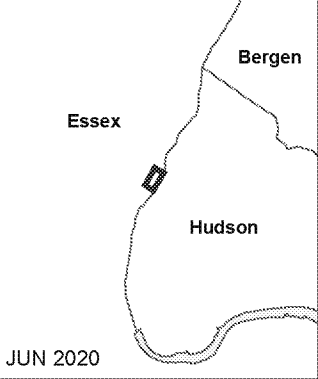
- Structure
- Existing
  - Demolished/Partially Demolished
  - UST

- Study Area
- Parcel (Newark, Oct 2017)
  - Former Soil Mound
  - 100 Foot Buffer of Existing Occupied Building
  - Footprint of Remedial Action
  - Within 100 feet of Existing Occupied Building
  - Outside of 100-foot Occupied Building Area

- Boring Location with PRG Soil Exceedance \*
- Xylene
  - TCE
  - Napathalene
  - PRG Exceedance
  - Historical Sample Location
  - RI Sample Location

Sources:  
2020 "ArcGIS Map Service, Bing Aerial Photography"  
2020 "PPG/Woodard & Curran Riverside Industrial Park RI Report"  
2017 "City of Newark Parcel GIS", <http://data.ci.newark.nj.us>

Notes:  
1. Field Duplicate and Parent Sample Concentrations were averaged.  
2. Following the soil mound removal on lot 68, surface samples at locations B-59 and B-60 were not included in this evaluation.  
3. Total Xylenes calculation is consistent with BHHRA.



**Figure A-16**  
**Site-Wide Sampling Results for**  
**Soil Gas Alternatives: Combined Parameters**  
**Riverside Industrial Park Superfund Site**  
**Essex County, New Jersey**



**Louis Berger**

0 100 200 Feet